

Abstract of the Disclosure

A routing apparatus for guaranteeing Quality of Service (QoS) in the Internet, includes a QoS edge routing unit for receiving a request for allocating resource from a transmitting node, setting a path at a QoS data rate by signaling; at least one QoS core routing unit for receiving a request for allocating resource from the QoS edge routing unit at a transmitter, setting a path at a QoS data rate by signaling; and a QoS edge routing unit at a receiver for receiving a request for allocating resource from the QoS core routing unit, setting a first path at a QoS data rate by signaling.